

ABSTRACT

A main object of the present invention is to provide liquid crystal display using a ferroelectric liquid crystal, which can give mono-domain alignment of the ferroelectric liquid crystal without forming alignment defects such as double domains and which are so remarkably good in alignment stability that the alignment thereof can be maintained even if the temperature of the liquid crystal is raised to the phase transition point or higher. To achieve the object, the present invention provides a liquid crystal display comprising: a UV curable liquid crystal side substrate having a first substrate, an electrode layer formed on the first substrate, a first alignment layer formed on the electrode layer, and a UV curable liquid crystal layer with a UV curable liquid crystal fixed and formed on the first alignment layer; and a counter substrate having a second substrate, an electrode layer formed on the second substrate, and a second alignment layer formed on the electrode layer, wherein the UV curable liquid crystal layer of the UV curable liquid crystal side substrate and the second alignment layer of the counter substrate are disposed so as to face each other such that a ferroelectric liquid crystal is sandwiched between the UV curable liquid crystal side substrate and the counter substrate.